



FEMA

Addressing Water Sector Interdependencies Among Critical Infrastructures and Key Resources

Sustained cross-sector partnerships that are aligned with critical infrastructure protection capabilities and are coordinated with federal, state, and local emergency response protocols, can advance the prevention, protection, and especially the response to, and recovery from, both terrorist and natural disasters. Currently, these partnerships are not widespread, particularly regarding the engagement of the water sector. Under the National Infrastructure Protection Plan (NIPP), the water sector is one of 18 federally identified critical infrastructures and key resources and provides services essential to public health protection and to industrial and commercial viability.

The Water Environment Federation® (WEF®) has been awarded a cooperative agreement by the Federal Emergency Management Agency (FEMA) of the Department of Homeland Security (DHS), to develop and deliver a cross sector emergency response training program for water sector utilities. The primary objective of this training is to assist water sector utilities in building sustained, resilient local and regional partnerships across critical infrastructures and key resources. These partnerships will align closely with the National Preparedness Framework and with other federal, state, and local guidelines in an effort to provide a comprehensive, consistent response to all hazards and reduce impacts and recovery times.

The data substantiating the need to address water sector interdependency is overwhelming as approximately 54,000 publicly owned community water systems (CWS) and 16,000 publicly owned treatment works (POTWs) (water sector utilities) provide critical services to communities including ensuring a safe potable water supply and the availability of water resources that can support recreation, fishing, and agriculture. Additionally these utilities provide services essential to other sectors during emergency response efforts, including providing an adequate water supply for fire protection as well as services essential to the recovery of areas impacted by natural disasters or terrorist event.

While the water sector has made vast improvements in the area of security and emergency response prior to, and particularly since, the events of September 11, 2001, many utilities still lack coherent local and regional partnerships across multiple sectors in order to prepare for, and effectively respond to, man-made threats and natural disasters. Building on accomplishments from both inside and outside the water sector, this training program will leverage expertise from, and provide information to, water sector utility executives, as well as key leaders in other sectors, on existing resources related to water sector interdependencies.

Course materials for the national cross-sector training series will include a brief overview of the critical infrastructures interdependent with the water sector, as well as a table top exercise that will highlight water sector interdependencies. Any questions regarding the project should be directed to James K. Sullivan, General Counsel, Water Environment Federation, 703.684.2436 or jsullivan@wef.org



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WATER SECTOR INTERDEPENDENCIES GENERAL AWARENESS TRAINING

PRELIMINARY AGENDA *(Subject to Change)*

DAY 1

- 8:00 – 8:30 Registration
- 8:30 – 9:00 **Session 1:** Workshop Goals and Objectives
- 9:00 – 10:30 **Session 2:** Interdependency Exercise
- 10:30 – 10:45 Networking Break
- 10:45 – 12:00 **Session 3:** Water Sector and Resources Available
- 12:00 – 1:00 Working Lunch – National Response Framework Overview
- 1:00 – 2:45 **Session 4:** Energy and Information Technology Sectors and Available Resources
- 2:45 – 3:00 Networking Break
- 3:00 – 5:00 **Session 5:** Transportation and Public Health/Health Care Sectors and Available Resources

DAY 2

- 8:30 – 9:45 **Session 6:** Communication and Emergency Services Sectors and Available Resources
- 9:45 – 10:00 Networking Break
- 10:00 – 11:30 **Session 7:** Remaining Critical Infrastructures and Available Resources
- 11:30 – 12:30 Working Lunch – Water Sector Interdependency Case Study
- 12:30 – 2:30 Interdependency Scenario
- 2:30 – 3:00 Workshop Evaluative Summary and Next Steps

Disclaimer: This program is supported by Cooperative Agreement Number 2006-GT-T6-K021, administered by the U.S. Department of Homeland Security, Training & Exercise Integration Secretariat. Points of view or opinions in this program are those of the author(s) and do not represent the position or policies of the U.S. Department of Homeland Security.



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WATER SECTOR INTERDEPENDENCIES AWARENESS TRAINING

The Water Environment Federation (WEF), through a cooperative agreement with the Federal Emergency Management Agency (FEMA) of the Department of Homeland Security (USDHS), is providing three pilot training workshops on water sector interdependencies. These events are designed to assist the water sector, as well as other sectors, prepare, respond, and recover from man-made threats and natural disasters through a better understanding of how the water and other critical infrastructures sectors are dependant upon one another. **Follow These Three Easy Steps to Apply:**

1) Select One of the Two-Day Workshops Below.

(Logistical information will be sent to participants by email upon receipt & confirmation of application form.)

<input type="checkbox"/>	Chicago, IL	October 14-15, 2008
<input type="checkbox"/>	San Francisco, CA	November 5-6, 2008
<input type="checkbox"/>	Atlanta, GA	January 7-8, 2009

2) Complete Detailed Information Below

First Name	Middle Initial	Last Name
Title	Utility/Business Name	If Utility, include population served or MGD
Business Address		
City	State	Zip Code
Phone	Fax	Email

3) Agree to Comply With the Conditions Below and Submit Your Application

APPLICATION CONDITIONS

Please send form as an email attachment to jsullivan@wef.org
or fax to 1-703-836-1794 or 1-703-684-2492

The workshops are offered at no-cost to water sector (water and wastewater) utility executives and invited representatives from other critical infrastructures. You will be notified shortly if your application is approved.

WEF is not responsible for travel arrangements nor costs. If your registration is accepted, WEF will contact you regarding logistics. WEF will provide two nights hotel accommodations and may provide limited travel reimbursement upon request and approval prior to the workshop. Confirmed registrants will receive a pre-workshop information package, including more details on what to expect during the two-day training and logistical information.

A government-issued picture identification (e.g. driver's license) must be brought to the workshop and will be checked at registration. The name on the registration must match the name on the identification. For more information, please call WEF at 1-703-684-2436, or email jsullivan@wef.org.

The Water Environment Federation supports the Americans with Disabilities Act, which promotes public accessibility for the disabled. Lunch will be provided each day. Confirmed registrants who do not attend the workshop and who fail to cancel two days prior to the workshop will be billed \$50.00 for lunch.

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